

SURFACE TEXTURE: ROOT RADIUS AND THREAD FLANKS 32 MICROINCHES. OTHER SURFACES 125 MICROINCHES. GRIT BLASTED SURFACES 125 TO 250 MICROINCHES.
 STUD STRAIGHT WITHIN .004 INCH PER INCH OF LENGTH.
 PITCH DIA CONCENTRIC WITH LOCATING PILOT O.D. WITHIN .020 FIM.
 PITCH DIA PERPENDICULAR TO BASE WITHIN ±1°.

STUD ATTACHED BY ADHESIVE APPLIED TO THIS SURFACE.
 FOR OPTIONAL ROUND FIXTURE ADD SUFFIX R TO PART NUMBER

LENGTH L DATA (LENGTH CODE IN SIXTEENTHS OF AN INCH)

CODE	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
L	.250	.375	.500	.625	.750	.875	1.000	1.125	1.250	1.375	1.500	1.625	1.750	1.875	2.000

STUD MATERIAL AND FINISH DATA (ONE PIECE CONSTRUCTION REQUIRED FOR METALLIC STUD)

CODE	MATERIAL	SPEC.	FINISH	SPEC.
A	2024 OR 7075 ALUMINUM	AMS-QQ-A-200 OR AMS-QQ-A-225	NONE	
AA			ANODIZE	MIL-A-8625
CRA	A-286 CRES	AMS 5726, 5731, 5732, 5734, OR 5737 (CHEMISTRY ONLY)	PASSIVATE	AMS 2700
T	6AL-4V TITANIUM	AMS 4928, 4965, OR 4967	NONE	

THREAD DATA

CODE	THREAD SIZE	TD DIA
08	.1640-32 UNJC-3A	.1570-.1595
3	.1900-32 UNJF-3A	.1810-.1840
4	.2500-28 UNJF-3A	.2410-.2440

BASEPLATE MATERIAL

CODE	MATERIAL
C	CARBON/EPOXY, 350°F CURE
G	GLASS/EPOXY, 250°F CURE

CONFIGURATION OPTION

CODE	DESCRIPTION
NONE	LOCATING PIN
NP	NO LOCATING PIN

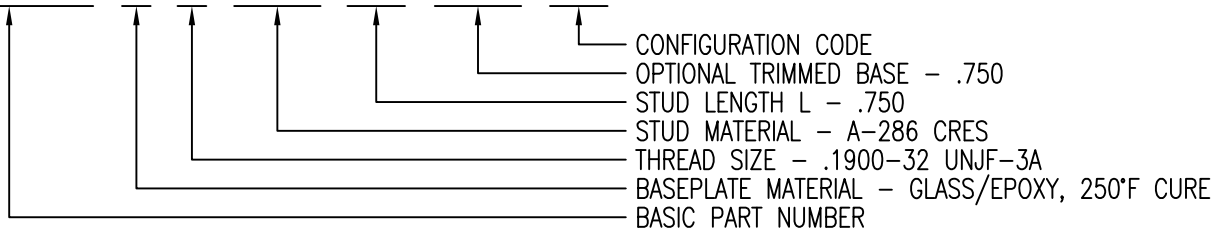
MANUFACTURER'S OPTION: REDUCED MAJOR DIA TD

TRIM WASHER MATERIAL AND FINISH DATA

MATERIAL	SPEC.	PASSIVATE
304 CRES	MIL-S-5059 OR AMS 5513	AMS 2700

EXAMPLE PART NUMBER

CB4017 G 3 CRA 12-750



UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982.

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CARSON CITY NEVADA 89706

ANGLES	±1°	APPROVALS	DATE
.XX	±.03	DRAWN DAC	17MAY13
.XXX	±.010	CHECKED DAC/mtm	29JUN16
.XXXX	±.001	RELEASED DAC	30JUN16
		REVISED DAC	29JUN16

TITLE			
STUD, COMPOSITE BASE, PILOTED			
SIZE	CAGE CODE	DWG. NO.	REV.
A	66530	CB4017	7
SCALE	1/1	29JUN16	SHEET 1 OF 1